

## AMENDMENTS TO THE SPECIFICATION

*Page 3, paragraph 4:*

<sup>2</sup>  
A The manual mode of controlling the glass furnace proves even more limited when managing the transient phases which correspond to changes in tonnage of the furnace or to changes in the type or color of the glass, or other such changes.

*Page 6, paragraph 2:*

<sup>3</sup>  
A According to a preferred embodiment of the device forming the subject of the invention, this device furthermore includes a means for the acquisition and processing of the image of the inside of the furnace, operating in the visible, infrared or other spectrum, the means possibly consisting of a system of video cameras positioned in the furnace in order to observe zones corresponding to a phenomenon relating to the melting and/or to the refining of the glass, the images thus obtained then being processed so as to obtain information relating to the observed phenomenon, this information being shaped for the purpose of being introduced as input data for the furnace control algorithm so as to monitor and control the observed phenomenon.